

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. An adjustable length crank arm, comprising:
a first member having a spindle bore sized and configured to be connectable to a spindle and defining a spindle rotational axis; and
an elongate second member rotatably connected at one end to said first member and having a mounting bore disposed at the opposite end of said second member, said mounting bore being adapted to be connected to a pedal shaft and defining a pedal rotational axis spaced a distance X from said spindle rotational axis and parallel therewith, said second member selectively rotatable between at least two pre-selected positions about a rotational axis eccentric with respect to said spindle rotational axis, wherein said pre-selected positions of said second member vary said distance X between said spindle rotational axis and said pedal rotational axis.
2. The adjustable length crank arm of Claim 1, wherein said first member includes a cylindrically shaped first boss, said second member rotatably connected to said first boss.
3. The adjustable length crank arm of Claim 2, wherein said first member further comprises a second boss protruding from a side of said first member opposite of said first boss.
4. The adjustable length crank arm of Claim 2, wherein said first boss is concentrically arranged on said first member.
5. The adjustable length crank arm of Claim 2, wherein said first member includes at least two through bores having centers disposed radially outward of the perimeter of said first boss and centered on an imaginary circle having a pre-selected diameter.
6. The adjustable length crank arm of Claim 5, wherein said at least two through bores are threaded.

7. The adjustable length crank arm of Claim 5, wherein said second member includes at least one fastener through bore alignable with said first member through bores.

8. The adjustable length crank arm of Claim 7, further including at least one fastener for selectively coupling said first member to said second member for rotation therewith.

9. The adjustable length crank arm of Claim 8, wherein said fastener is operable to be routed through said fastener through bore in said second member and through one of said at least two first member through bores for selectively coupling said first member to said second member for rotation therewith.

10. The adjustable length crank arm of Claim 5, wherein said first member through bores are a plurality of first member through bores, and wherein said plurality of first member through bores are separated a pre-selected distance around said imaginary circle.

11. The adjustable length crank arm of Claim 1, further comprising a chain ring connected for rotation with said first member.

12. The adjustable length crank arm of Claim 11, wherein said first member further includes a plurality of arms protruding outwardly from the center of said first member, said plurality of arms configured to connect to said chain ring.

13. A crank arm having an adjustable effective length, comprising:
a base member including a cylindrically shaped first boss, and a spindle bore sized and configured to be connectable to a spindle and defining a spindle rotational axis parallel and eccentric to an axis of said first boss; and

an elongate crank arm member journaled for rotation onto said first boss at one end and having a mounting bore disposed at the other end adapted to be connected to a pedal shaft and defining a pedal rotational axis spaced apart a distance from said spindle rotational axis and parallel therewith, said spaced apart distance defining an effective length of said crank arm, wherein said crank arm member is operable to be selectively

rotated between a plurality of pre-selected positions about said axis of said first boss, and further operable to be selectively connected to said base member for rotation therewith, said effective length of said crank arm being adjustable as said crank arm member rotates between said plurality of pre-selected positions.

14. The crank arm of Claim 13, further including at least one fastener for selectively connecting said base member to said crank arm member for rotation therewith.

15. The crank arm of Claim 14, wherein said base member includes a plurality of through bores having centers disposed radially outward of the perimeter of said first boss, centered on an imaginary circle having a pre-selected diameter, and arranged a pre-selected distance apart, and wherein said crank arm member includes at least one fastener through bore alignable with said plurality of base member through bores, said fastener routable through said fastener through bore in said second member and through one of said plurality of base member through bores for selectively coupling said base member to said crank arm member for rotation therewith.

16. An adjustable length crank arm, comprising:

a disk shaped base member having a spindle facing side and a crank arm member facing side, said base member including a cylindrically shaped first boss having a cylindrical open cavity; a spindle through bore connected to said cavity, said spindle through bore adapted for receiving a spindle in a non-rotational manner and defining a spindle rotational axis; and at least two through bores having centers disposed radially outward of the perimeter of the first boss and centered on an imaginary circle having a pre-selected diameter;

a crank arm member having a spindle end and a pedal end, said spindle end of said crank arm member defining a cylindrical bore sized and configured for rotatably mounting the crank arm member onto said first boss and including at least one fastener through bore, said pedal end of said crank arm member defining a through bore adapted to be connected to a pedal shaft and defining a pedal rotational axis spaced a distance D from said spindle rotational axis, said crank arm member rotatable about said first boss

for selectively aligning said fastener through bore with one of said base member through bores, said rotation of said crank arm member selectively changing said distance D; and
at least one fastener received through said aligned fastener through bore and one of said base member through bores for selectively coupling said base member to said crank arm member for rotation therewith.